

February 11, 2015



U.S. Department
of Transportation

East Building, PHH – 30
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 12748
(SIXTH REVISION)

EXPIRATION DATE: December 30, 2018

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Lockheed Martin Space Systems Company
Santa Cruz, CA
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of certain Division 1.1B, 1.1D, and 1.4D materials in non-DOT specification packaging between Lockheed Martin Missiles, Space Company facilities in Santa Cruz, CA, Sunol, CA and UC Davis McClellan Nuclear Research Center, McClellan, CA for neutron radiography. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
 - c. Party status will not be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: The marking requirement in § 172.301(c); and § 173.62 in that non-DOT specification packages are not authorized, except as specified herein.
5. BASIS: This special permit is based on the application of the Lockheed Martin Space Company dated September 11, 2014, submitted in accordance with § 107.105 and the public proceeding thereon and § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Charges, shaped, flexible, linear	1.1D	UN0288	II
Charges, shaped, flexible, linear	1.4D	UN0237	II
Charges, shaped, without detonator	1.1D	UN0059	II
Cord, detonating, <i>flexible</i>	1.4D	UN0289	II
Cord, detonating, mild effect	1.4D	UN0104	II
Detonators, electric <i>for blasting</i>	1.1B	UN0030	II
Fuzes, detonating, <i>with protective features</i>	1.4D	UN0410	II

7. SAFETY CONTROL MEASURES:

a. PACKAGING - The prescribed packagings are one of the following configurations:

- (1) An aluminum box with a hinged lid in accordance with Lockheed Martin Drawing Number R89872 dated May 31, 2001 on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA). Dimensions of the box are: 52" x 28" x 9". Maximum net explosive weight is 128 grams.
- (2) An aluminum box in accordance with Lockheed Martin Drawing Number 3041217-38E-01 Rev. D dated July 13, 1983 on file with OHMSPA. Dimensions of the box are: 103.62" x 15.75" x 2.00". Maximum net explosive weight is 90 grams.

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- (3) A fiberboard box in accordance with Lockheed Martin Drawing Number R89952 dated October 29, 2001 on file with OHMSPA. Dimensions of the box are: 38" x 38" x 6". Maximum net explosive weight is 45 grams.
- (4) A plywood box in accordance with Lockheed Martin Drawing Number R89903 dated April 18, 2001 on file with OHMSPA. Dimensions of the box are: 13.8" x 13.8" x 8". Maximum net explosive weight is 200 grams.

b. OPERATIONAL CONTROLS -

- (1) Shipment is only authorized between Lockheed Martin facilities in Santa Cruz, CA, Sunol, CA and UC Davis McClellan Nuclear Research Center, McClellan, CA for the purpose of neutron radiography.
- (2) Transportation must be in Lockheed Martin vehicles equipped for ordnance transportation, driven by commercially licensed, ordnance trained Lockheed Martin employees.

8. SPECIAL PROVISIONS:

- a. A current copy of this special permit must be maintained at each facility where the package is offered for transportation.
- b. The marking requirement of § 172.301(c) is waived.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)- 'The Hazardous Materials Safety and Security Reauthorization Act of 2005' (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR § 171.15 Immediate notice of certain hazardous materials incidents, and § 171.16 Detailed hazardous materials incident reports. In addition, the grantee(s) of this

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special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: BeMoore/SG